

Appl. No.: 10/083,232  
And, dated: May 2004  
Replied to Office Action of: March 26, 2004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Robert L. McKee, *et al.*

Application No.: 10/083,232

Filed: February 26, 2002

Title: Method and Apparatus for Detecting the Occurrence of Surge in a Centrifugal Compressor  
TC/A.U: 3745

Examiner: Kimya N. McCoy

Docket No.: PRCR18521

Customer No.: 01224

Confirmation No.: 4741

**RESPONSE TO OFFICE ACTION OF MARCH 26, 2004**

Mail Stop: (NON- Fee) Amendments  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

RECEIVED  
OCT 05 2004  
TECHNOLOGY CENTER R3700

Dear Sir:

In response to the Office Action mailed March 26, 2004, a request for extension of time submitted herewith, please amend this application as follows:

In the Specification:

Please amend paragraph 0015 as follows:

[0015] Referring now to the drawings, wherein similar reference characters designate corresponding parts throughout the several views, FIG. 1 is a schematic diagram of a fluid flow system 10. Fluid flow system 10 includes an upstream and a downstream conduit 12 and 14 fluidly connected to a centrifugal compressor 16. Fluid flows from the upstream conduit 12, through the compressor 16 and on through the downstream conduit 14. A fluid flow control means 18 is also provided and may consist of recirculation pipes and valves, safety and bypass valves, and other control mechanisms as are known in the art. The system 10 may be a gas pipeline system, a gas process system, ~~and~~ an air system, or any other fluid flow system known in the art.